

WEST 1.0[Help](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show WS Numbers](#) [Edit WS Numbers](#)

Search Results - Record(s) 1 through 1 of 1 returned.

1. Document ID: US 5704371 A,
Relevance Rank: 99

Entry 1 of 1 File:DERWENT November 2, 1998

DERWENT-ACC-NO: 1998-085778

DERWENT-WEEK: 199808

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TITLE:

Medical history documentation system - has transcriber which is responsive to encoded indicia to provide at least one report section template corresponding to discrete recording section for its associated designated condition

INVENTOR:SHEPARD, F

PATENT-ASSIGNEE: SHEPARD F[SHEPI]

PRIORITY-DATA: 1996US-0611642 (March 6, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5704371 A	January 6, 1998	N/A	034	G06F 015

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
US 5704371A	N/A	1996US-0611642	March 6, 1996

IPC: G06F015/42

ABSTRACTED-PUB-NO:US 5704371A

BASIC-ABSTRACT:The system includes a pre-printed form with a number of recording sections. Each one of the number of recording sections is assigned as a discrete recording section for a designated condition in a selected printed format for recording information relating to its associated

designated condition. A recording device records on the pre-printed format and in the appropriate discrete recording section one of a predetermined encoded indicia representing information developed for a designated condition. An input member is responsive to the recording device to record information specific to the designated condition communicated to the recording device. The information is recorded in the form of encoded indicia in at least one discrete recording section of the input member. A transcriber is responsive to the encoded indicia to provide at least one report section ~~template~~ corresponding to the discrete recording section for its associated designated condition. The report section includes optional text variable segments each of which are assigned to one of the predetermined encoded indicia. ADVANTAGE - has comparator that compares recorded data with encoded indicia recorded to ensure accuracy and validity of relevant information.

CHOSEN-DRAWING: Dwg.1/37

TITLE-TERMS:

MEDICAL HISTORY DOCUMENT SYSTEM TRANSCRIBING RESPOND ENCODE INDICIA ONE
REPORT SECTION TEMPLATE CORRESPOND DISCRETE RECORD SECTION ASSOCIATE
DESIGNATED CONDITION

DERWENT-CLASS: T01

EPI-CODES: T01-J06A1; T01-J11D;

Non-CPI Secondary Accession Numbers: N1998-068158

Full	Citation	Review	Classification	Date	Reference
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Term	Documents
record\$ and report\$ and (information\$ or document\$) and encod\$ and (indicia or transcrib\$)	1

Display Documents

Starting At:

1

Display Format:

Change Format

Main Menu Search Form Posting Counts Show WS Numbers Edit WS Numbers

Help

WEST 1.0[Help](#)[Main Menu](#) [Search Form](#) [Posting Counts](#) [Show WS Numbers](#) [Edit WS Numbers](#)

Search Results - Record(s) 1 through 2 of 2 returned.

1. Document ID: US 5704371 A,
Relevance Rank: 99

Entry 2 of 2 File:DERWENT November 2, 1998

DERWENT-ACC-NO: 1998-085778

DERWENT-WEEK: 199808

COPYRIGHT 1998 DERWENT INFORMATION LTD

TITLE:

Medical history documentation system - has transcriber which is responsive to encoded indicia to provide at least one report section template corresponding to discrete recording section for its associated designated condition

INVENTOR:SHEPARD, F

PATENT-ASSIGNEE: SHEPARD F[SHEPI]

PRIORITY-DATA: 1996US-0611642 (March 6, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 5704371 A	January 6, 1998	N/A	034	G06F 015

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
US 5704371A	N/A	1996US-0611642	March 6, 1996

IPC: G06F015/42

ABSTRACTED-PUB-NO:US 5704371A

BASIC-ABSTRACT:The system includes a pre-printed form with a number of recording sections. Each one of the number of recording sections is assigned as a discrete recording section for a designated condition in a selected printed format for recording information relating to its associated

designated condition. A recording device records on the pre-printed format and in the appropriate discrete recording section one of a predetermined encoded indicia representing information developed for a designated condition. An input member is responsive to the recording device to record information specific to the designated condition communicated to the recording device. The information is recorded in the form of encoded indicia in at least one discrete recording section of the input member. A transcriber is responsive to the encoded indicia to provide at least one report section template corresponding to the discrete recording section for its associated designated condition. The report section includes optional text variable segments each of which are assigned to one of the predetermined encoded indicia. ADVANTAGE - has comparator that compares recorded data with encoded indicia recorded to ensure accuracy and validity of relevant information.

CHOSEN-DRAWING:Dwg.1/37

TITLE-TERMS:

MEDICAL HISTORY DOCUMENT SYSTEM TRANSCRIBING RESPOND ENCODE INDICIA ONE REPORT SECTION TEMPLATE CORRESPOND DISCRETE RECORD SECTION ASSOCIATE DESIGNATED CONDITION

DERWENT-CLASS: T01

EPI-CODES: T01-J06A1; T01-J11D;

Non-CPI Secondary Accession Numbers:N1998-068158

Full	Citation	Review	Classification	Date	Reference
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2. Document ID: JP 09284701 A,

Relevance Rank: 97

Entry 1 of 2

File:DERWENT

November 2, 1998

DERWENT-ACC-NO: 1998-026226

DERWENT-WEEK: 199803

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TITLE:

Teletext receive for broadcasting programmes like news, weather report, traffic information, sight-seeing guide, teleshopping, questionnaire re for viewers - has selection unit which selects encoder output in state where minimum character data exist and transmits it to videotape recording terminal

PATENT-ASSIGNEE: TOSHIBA KK[TOKE]

PRIORITY-DATA: 1996JP-0086684 (April 9, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 09284701 A	October 31, 1997	N/A	005	H04N 001

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP09284701A	N/A	1996JP-0086684	April 9, 1996

IPC: H04N005/7826; H04N005/91 ; H04N007/025 ; H04N007/03 ; H04N007/035

ABSTRACTED-PUB-NO:JP09284701A

BASIC-ABSTRACT:The receiver receives character data multiplexed with video and audio signal which are included in TV-broadcasting signal. A video signal processor extracts the video signal included in the received TV signal. A decoder regenerates the multiplexed character data in the broadcast signal. The video signal output from video signal processor and character data from decoder, are synthesised by a synthesiser. An encoder converts the video signal in synthesiser to NTSC signal. A selection unit selects output of encoder and received broadcast signal. A command, based on regeneration character data in decoder, is selected and is given to the selection unit by a control unit. The encoder output is chosen with selection unit in a state where minimum character data exists. Either the video signal or encoder output, as chosen by the selection unit, is transmitted to video tape recording terminal. ADVANTAGE - Facilitates video recording of received teletext.

CHOSEN-DRAWING:Dwg.1/1

TITLE-TERMS:

TELETEXT RECEIVE BROADCAST PROGRAMME NEWS WEATHER REPORT TRAFFIC INFORMATION
SIGHT GUIDE QUESTIONNAIRE VIEW SELECT UNIT SELECT ENCODE OUTPUT STATE
MINIMUM CHARACTER DATA EXIST TRANSMIT RECORD TERMINAL

DERWENT-CLASS: W03 W04

EPI-CODES: W03-A10X; W03-A18C; W04-B10B; W04-B10C; W04-F01K;

Non-CPI Secondary Accession Numbers:N1998-020767

Full	Citation	Review	Classification	Data	Reference
------	----------	--------	----------------	------	-----------

Term	Documents
record\$ and report\$ and (information\$ or document\$) and encod?	2

(FILE 'USPAT' ENTERED AT 10:51:21 ON 02 NOV 1998)

L1 QUE DOCUMENT? OR INFORMATION#
L2 QUE RECORD?
L3 QUE REPORT?
L4 QUE INDICI?
L5 QUE TRANSCRIB?
L6 QUE INPUT?
L7 QUE TEMPLAT?
L8 QUE COMPUT?
L9 QUE ENCOD? OR DECOD?
L10 655 S L9 AND L3 AND L1 AND L2 AND L4
L11 655 S L10 AND L9
L12 QUE L5 OR (SHORT(W)HAND)
L13 21 S L10 AND L12
L14 9 S L13 AND (L9 (P) L4)
L15 1 S L14 AND (L9 (P) L4 (P) L5)
 SET HIGH OFF
L16 1 S 5704371/PN
 SET HIGH ON
L17 1 S L16 AND (L12 (P) L4)
 SAVE -L17

(FILE 'USPAT' ENTERED AT 09:38:10 ON 02 NOV 1998)

L1 1 S 5704371/PN
L2 QUE DOCUMENT# OR INFORMATION#
L3 QUE RECORD?
L4 QUE REPORT?
L5 QUE INDICI?
L6 QUE TRANSCRIB?
L7 QUE ENCOD? OR DECOD?
L8 9167 S L2 AND L3 AND L4 AND L7
L9 QUE INPUT?
L10 QUE FORM?
L11 QUE COMPAR?
L12 QUE TEMPLAT?
L13 QUE COMPUT?
L14 QUE L13 OR ?PROCESS?
L15 4423 S L8 AND L9 AND L13 AND L13 AND (PROCESSOR# OR MICRO(W) PRO
CES
L16 232 S 128/897,710/CCLS
L17 0 S 364/413.02,413.04,413.14,419.14/CCLS
L18 1 S 4991091/PN
L19 1 S 5267155/PN
L20 366 S L15 AND L12 AND L11
L21 1 S L20 AND L5 AND L6

=> s 12 and 15 and 13 and 14

COMMAND INTERRUPTED

REENTER FILE 'USPAT'

AND TRY AGAIN, OR ENTER '?' FOR MORE INFORMATION.

=> s 18 and 15

THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE

ACT MEDICAL1/L

```

L3      QUE PLU=ON DOCUMENT? OR INFORMATION#
L4      QUE PLU=ON RECORD?
L5      QUE PLU=ON REPORT?
L6      QUE PLU=ON INDICI?
L7      QUE PLU=ON TRANSCRIB?
L8      QUE PLU=ON INPUT?
L9      QUE PLU=ON TEMPLAT?
L10     QUE PLU=ON COMPUT?
L11     QUE PLU=ON ENCOD? OR DECOD?
L12 (   655)SEA FILE=USPAT PLU=ON L11 AND L5 AND L3 AND L4 AND L6
L13 (   655)SEA FILE=USPAT PLU=ON L12 AND L11
L14     QUE PLU=ON L7 OR (SHORT(W)HAND)
L15 (   21)SEA FILE=USPAT PLU=ON L12 AND L14
L16 (    9)SEA FILE=USPAT PLU=ON L15 AND (L11 (P) L6)
L17 (    1)SEA FILE=USPAT PLU=ON L16 AND (L11 (P) L6 (P) L7)
L18 (    1)SEA FILE=USPAT PLU=ON 5704371/PN
L19 (    1)SEA FILE=USPAT PLU=ON L18 AND (L14 (P) L6)
L20 (   120)SEA FILE=USPAT PLU=ON 600/301/CCLS
L21 (    62)SEA FILE=USPAT PLU=ON 128/920/CCLS
L22 (   1084)SEA FILE=USPAT PLU=ON 345/33,87,179,352/CCLS
L23 (   16891)SEA FILE=USPAT PLU=ON 364/222.81,222.82,224.5,224.6,225,2
25.
L24 (   366)SEA FILE=USPAT PLU=ON 707/540,522,530,539/CCLS
-----
L25     413 S 707/540,522,530,539/CCLS
L26     1218 S 345/33,87,179,352,961/CCLS
L27     124 S 600/301/CCLS
L28     QUE MEDIC?
L29     1 S (L28 (P) L5 (P) L9 (P) L11) AND L6
L30     1 S (L7 (P) L11 (P) L6 (P) L9) AND L28
L31     1 S L7 (P) L11 (P) L6 (P) L9
L32     2 S (L9 (P) L28) AND (L11 (P) L6) AND SEGMENT#
L33     290 S 395/117/CCLS
L34     127 S 707/500/CCLS
L35     2 S (L9 (P) L28) AND (L11 (P) L6)

```

=>

ACT MEDICAL1/L

```

L3      QUE PLU=ON DOCUMENT? OR INFORMATION#
L4      QUE PLU=ON RECORD?
L5      QUE PLU=ON REPORT?
L6      QUE PLU=ON INDICI?
L7      QUE PLU=ON TRANSCRIB?
L8      QUE PLU=ON INPUT?
L9      QUE PLU=ON TEMPLAT?
L10     QUE PLU=ON COMPUT?
L11     QUE PLU=ON ENCOD? OR DECOD?
L12 (   655)SEA FILE=USPAT PLU=ON L11 AND L5 AND L3 AND L4 AND L6
L13 (   655)SEA FILE=USPAT PLU=ON L12 AND L11
L14     QUE PLU=ON L7 OR (SHORT(W)HAND)
L15 (   21)SEA FILE=USPAT PLU=ON L12 AND L14
L16 (    9)SEA FILE=USPAT PLU=ON L15 AND (L11 (P) L6)
L17 (    1)SEA FILE=USPAT PLU=ON L16 AND (L11 (P) L6 (P) L7)
L18 (    1)SEA FILE=USPAT PLU=ON 5704371/PN
L19 (    1)SEA FILE=USPAT PLU=ON L18 AND (L14 (P) L6)
L20 (   120)SEA FILE=USPAT PLU=ON 600/301/CCLS
L21 (    62)SEA FILE=USPAT PLU=ON 128/920/CCLS
L22 (   1084)SEA FILE=USPAT PLU=ON 345/33,87,179,352/CCLS
L23 (   16891)SEA FILE=USPAT PLU=ON 364/222.81,222.82,224.5,224.6,225,2
25.
L24 (   366)SEA FILE=USPAT PLU=ON 707/540,522,530,539/CCLS
-----
L25     413 S 707/540,522,530,539/CCLS
L26     1218 S 345/33,87,179,352,961/CCLS
L27     124 S 600/301/CCLS
L28     QUE MEDIC?
L29     1 S (L28 (P) L5 (P) L9 (P) L11) AND L6
L30     1 S (L7 (P) L11 (P) L6 (P) L9) AND L28
L31     1 S L7 (P) L11 (P) L6 (P) L9

```

=> s (l9 (p) l28) and (l11 (p) l6) and segment#

```

      25029 TEMPLAT?
      142287 MEDIC?
      245 L9 (P) L28
      101752 ENCOD?
      100871 DECOD?
      46334 INDICI?
      2141 L11 (P) L6
      225820 SEGMENT#
L32     2 (L9 (P) L28) AND (L11 (P) L6) AND SEGMENT#

```

=> d 1-2

1. 5,704,371, Jan. 6, 1998, Medical history documentation system and method; Franziska Shepard, 128/897 [IMAGE AVAILABLE]

2. 5,621,864, Apr. 15, 1997, Label generation apparatus; Daniel A. Benade, et al., 395/117; 707/500 [IMAGE AVAILABLE]

09/002,958

US PAT NO: 5,621,864 [IMAGE AVAILABLE] ANS: 1
DATE ISSUED: Apr. 15, 1997
TITLE: Label generation apparatus
INVENTOR: Daniel A. Benade, Lakewood, CO
Mack E. Johnson, Arvada, CO
ASSIGNEE: Engineered Data Products., Inc., Broomfield, CO (U.S.
corp.)
APPL-NO: 08/706,922
DATE FILED: Sep. 3, 1996
REL-US-DATA: Continuation of Ser. No. 489,250, Jun. 14, 1995, which is
a continuation of Ser. No. 797,457, Nov. 22, 1991.
INT-CL: [6] G06M 15/00
US-CL-ISSUED: 395/117, 761
US-CL-CURRENT: 395/117; 707/500
SEARCH-FLD: 395/101, 112, 115, 116, 117, 148, 149, 109; 400/63, 68, 76
REF-CITED:

U.S. PATENT DOCUMENTS

4,553,860	11/1985	Imaizumi et al.	400/68
4,712,929	12/1987	Kitaoka	395/117
4,718,784	1/1988	Drisko	400/68
4,862,194	8/1989	Uematsu	400/120
4,939,674	7/1990	Price et al.	395/117
4,944,614	7/1990	Tanaka	400/68
5,025,397	6/1991	Suzuki	395/116
5,045,967	9/1991	Igarashi	395/112

ART-UNIT: 266
PRIM-EXMR: Arthur G. Evans
LEGAL-REP: Duft, Graziano & Forest, P.C.

ABSTRACT:

The label generation apparatus of this invention enables the user to define a label of various sizes, shapes and characteristics, wherein each label in a series of labels includes unique indicia that individually identify each label according to any predefined sequence. These labels also contain template fields that vary according to the indicia printed thereon or any other predefined ordering. The label generation apparatus includes a template generation capability that enables the user to define a label format having one or more writable indicia fields. These one or more writable indicia fields can be used to provide each label with individual identifying indicia according to any predetermined sequence. The label generation apparatus also includes an indicia generation capability that produces the individual identification according to various characteristics that are specified by the user of this apparatus.

60 Claims, 19 Drawing Figures

```

D0FF1C56 5F4C8F4F 4924524F 460A0001 FB000288 70E2DDF8 1C56FF4C 5F4F4924 $IO_L_V. * P:FOR$IO_L_V: 000000
24524F46 0A0000FB FE1C565F 45544952 5724524F 4C5F4F49 24524F46 0A0001FB FE1C0009 27C00306 .:FOR$IO_L_V: 000020
40AB9FFB 1C4C565F 45544952 5724524F 460C0001 FB7E01CE FB1C444E 455F4F49 .:FOR$IO_L_V: 000040
AB000288 70E2DDF8 AB000278 D0E2DEEB 585F4F49 545F4F49 24524F46 080001FB FB1C444E 455F4F49 .:FOR$IO_L_V: 000060
5F4F4924 524F460A 0000FBFE 1C4C4E5F 585F4F49 24524F46 080001FB FB1C444E 455F4F49 .:FOR$IO_L_V: 000080
E71C4653 5F455449 52572452 4E455F4F 460A0001 FB7E01CE FB1C444E 455F4F49 .:FOR$IO_L_V: 000100
4924524F 460A0001 FB86DF56 000278D0 E2DE0015 53D55401 D0530002 8870E2D0 .:FOR$IO_L_V: 000120
7A0104EF DFE1C44 4E455F4F 4924524F 460A0001 FB7E01CE FB1C444E 455F4F49 .:FOR$IO_L_V: 000140
5401D053 00028870 E2D0E51C 46535F45 54495257 24524F46 0C0002FB 03D0FC19 .:FOR$IO_L_V: 000160
D0E41C52 5F4C5F4F 4924524F 460A0001 FB7E01CE FB1C444E 455F4F49 .:FOR$IO_L_V: 000180
0000FBED 5453F3FA 1C525F4C 5E4F4924 524F460A 0001FB00 04F19CE5 40DF5086 .:FOR$IO_L_V: 000200
52572452 4F460C00 02FB03D0 5E4F4924 524F460A 0001FB00 04F19CE5 40DF5086 .:FOR$IO_L_V: 000220
4C5F4F49 24524F46 0A0001FB 53F3FA1C 4F492452 4F460A00 01F87ED4 FC1C565F 4F492452 .:FOR$IO_L_V: 000240
4F460A0D 00FB8E54 53F3FA1C 00310314 08ABD053 01D0ED1C 444E455F 1C000278 .:FOR$IO_L_V: 000260
52572452 4F460C00 02FB02D0 FC190084 0105EEDF 01010167 62DE86F7 1C000278 .:FOR$IO_L_V: 000280

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Dump of file DRBD: [KB70] PHASE1A.0BJ:1 on 22-JUL-1987 11:38:38.16
 File ID (19019,20,0) End of file block 39 / Allocated 39
 Virtual block number 37 (00000025), 512 (0200) bytes

US PAT NO: 5,704,371 [IMAGE AVAILABLE] ANS: 1
DATE ISSUED: Jan. 6, 1998
TITLE: Medical history documentation system and method
INVENTOR: Franziska Shepard, 1414 E. Main St., Santa Maria, CA 93454
APPL-NO: 08/611,642
DATE FILED: Mar. 6, 1996
INT-CL: [6] G06F 15/42
US-CL-ISSUED: 128/897
US-CL-CURRENT: 128/897
SEARCH-FLD: 128/897, 897, 364/413.02, 413.04, 413.14, 419.14
REF-CITED:

		U.S. PATENT DOCUMENTS	
4,991,091	2/1991	Allen	364/413.02
5,267,155	11/1993	Buchanan et al.	364/419.14
ART-UNIT:	335		
PRIM-EXMR:	Scott Getzow		
LEGAL-REP:	Daniel J. Meaney, Jr.		

ABSTRACT:

A medical history documentation system and method for recording information relating to at least one of a designated patient's current medical condition, a physical examination, a diagnosis and a treatment plan is shown. The system includes a recording member having a plurality of discrete recording sections formed thereon programmed for recording information relating to the patient. The encoded indicia is communicated by a first person to a second person during a physical examination of the patient by the first person. An input member is used by the second person for recording medical information in the form of predetermined encoded indicia in applicable discrete recording sections of the recording member. A transcriber having a plurality of report section templates is used. Each report section template corresponds to a discrete recording section. Each of the report section templates comprise a plurality of optional text variable segments each of which are assigned to a selected one of the predetermined encoded indicia. The transcriber is operative to decode each one of the predetermined encoded indicia recorded on the recording member. An imaging device responsive to the transcriber prepares a patient's report specific to the designated patient. A method for using the system is shown.

33 Claims, 37 Drawing Figures

Dump of file DRB0:(K378)PHASE2D:08011 on 22-JUL-1987 11:55:19.61
File ID (6351,41,0) End of file block 9 / Allocated 9

Virtual block number 2 (00000002), 512 (0200) bytes

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0A0001F8 0CAB54D0 0CABDFF7 1C4C35F 44414552 24524F46 080001FB 02D00100
5F4F4924 524F460A 0001FB07 CCC344DF 540CABD0 F51C525F 4C5F4F49 24524F46
ECC344DF 771C525F 4C5F4F49 24524F46 0A0001FB 0001A5D0 E344DF77 1C525F4C
4F460A00 01FBFEC 77FCEB44 0001E8F 4C5F4F49 24524F46 080001FB 02D00100
1C525F4C 5F4F4924 524F460A 0001E8F 4C5F4F49 24524F46 080001FB 02D00100
FB000680 0CCE344DF 771C525F 4C5F4F49 24524F46 080001FB 02D00100
B2BFA4C5F 4F492452 4F460A00 01FBFEC 77FCEB44 0001E8F 4C5F4F49 24524F46
1CE34054 D05010AB 0000145C 54494E49 7820E8D0 010156FF 0A0001FB 02D00100
D5B401D0 E81C4C53 5F444145 5224524F 460B0001 FB02DDFF F53C00E8 DE001852
525F4C5F 0A0001FB 54494E49 7820E8D0 010156FF 0A0001FB 02D00100
24524F46 0A0001FB 54494E49 7820E8D0 010156FF 0A0001FB 02D00100
14AB5500 801C5245 4D494E49 7820E8D0 010156FF 0A0001FB 02D00100
50D6505C 52C354D4 01550008 77FCEB44 0001E8F 4C5F4F49 24524F46 080001FB
1CEB47D0 001357D5 0157FFEC CCCE340C3 01001100 13FFFE61 50D054D6 56510000
080024FF ABFA1CAB 50D0FFFE 61CEEB40 01D0FFFC C3DCEB44 50D054D6 56510000

```

US PAT NO: 5,267,155 [IMAGE AVAILABLE] ANS: 1
DATE ISSUED: Nov. 30, 1993
TITLE: Apparatus and method for computer-assisted document generation
INVENTOR: Ken Buchanan, Eagan, MN
John A. Dowdle, St. Paul, MN
ASSIGNEE: Medical Documenting Systems, Inc., St. Paul, MN (U.S. corp.)
APPL-NO: 07/847,292
DATE FILED: Mar. 6, 1992
REL-US-DATA: Continuation-in-part of Ser. No. 422,139, Oct. 16, 1989.
INT-CL: [5] G06F 15/21
US-CL-ISSUED: 364/~~419.14~~
US-CL-CURRENT: 707/540, 522, 530, 539
SEARCH-FLD: 364/~~419~~, 943, 943.1, 943.5, 957, 222.81, 222.82, 225.6,
~~413.01~~

REF-CITED:

U.S. PATENT DOCUMENTS

3,872,462	3/1975	Lemelson	340/324
3,934,226	1/1976	Stone et al.	340/172.5
4,348,744	9/1982	White	364/900
4,491,725	1/1985	Pritchard	235/375
4,591,974	5/1986	Dornbush et al.	364/200
4,794,386	12/1988	Bedrij et al.	340/724
4,835,690	5/1989	Gangarosa et al.	364/413.13
4,839,822	6/1989	Dormond et al.	364/413.02
4,959,769	9/1990	Cooper	364/200
4,962,475	10/1990	Hernandez et al.	364/900

FOREIGN PATENT DOCUMENTS

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OTHER PUBLICATIONS

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IBM Technical Disclosure Bulletin, vol. 21, No. 11, Apr. 1979, R. J. Gerlach et al., "System for Simplified Form Fill-In Using CRT Display".
M. D. Computing, vol. 2, No. 3, 1985, M. Cushing, Jr., M.D., "Doctor's Office Manager: An IBM Billing Package".
Data Communications, Nov. 1986, E. G. Principi et al., "Better Care, Shorter Stays, Thanks to Networking".
Nursing Economics, vol. 5, No. 1, Jan./Feb. 1987, M. M. Mowry et al., "Evaluating Automated Information Systems" and Automated Information Systems in Quality Assurance.
Software In Health Care, 1985, R. A. Korpman, M.D., "Patient Care Information Systems: Looking to the Future".

ART-UNIT: 231
PRIM-EXMR: Roy N. Envall, Jr.
ASST-EXMR: Jennifer L. Hazard
LEGAL-REP: Merchant, Gould, Smith, Edell, Welter & Schmidt

ABSTRACT:

A document generation system for enhancing or replacing the dictation and transcription process. More particularly, a computer-based documentation system is provided which processes document templates in conjunction with pre-defined character strings to generate user-defined reports or documents. Each document template is composed of "boiler plate" text and "holes". A system and method are described for controlling, via a relational database, the selection of pre-defined character strings to be

inserted into document template "holes". A second method is described for inserting user-defined or concatenated character strings into selected document template "holes".

27 Claims, 22 Drawing Figures

US PAT NO: 4,991,091 [IMAGE AVAILABLE] ANS: 2
DATE ISSUED: Feb. 5, 1991
TITLE: Self-contained examination guide and information storage
and retrieval apparatus
INVENTOR: Gregory Allen, 411 S. Woodward #526, Birmingham, MI 48011
APPL-NO: 07/235,154
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ABSTRACT:

Self-contained examination guide and information storage apparatus comprising a flat rectangular enclosure having a front panel with first display arrays along side edges of the front panel associated with a plurality of general patient examination categories, and an LCD centrally positioned on the front panel and configured to comprise a plurality of individually controllable display segments. A microprocessor-based controller includes a light pen for reading bar codes on the enclosure front panel and thereby selecting among the general examination categories. A microcontroller memory has prestored sets of specific examination indicia associated with each of the general examination categories, and is responsive to the category-selection process for retrieving from memory a specific set of examination indicia associated with selected general examination category. The light pen is then employed to scan bar code arrays adjacent to the specific examination indicia at each LCD segment for identifying specific indicia of interest and loading corresponding indicia information into microcontroller

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Phase 2

memory. Information stored may be selectively downloaded to a central computer for processing and generation of records for the patient files.

37 Claims, 4 Drawing Figures

